

Comparisons of Job Characteristics

Focus Occupation: [Model Makers, Wood \(51-7031\)](#)

Associated Occupation: [Patternmakers, Metal and Plastic \(51-4062\)](#)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 81

Focus Occupation: Model Makers, Wood (51-7031)

Associated Occupation: Patternmakers, Metal and Plastic (51-4062)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Mechanical	6.8	16.3	10.7	<< Extensive education and/or training may be required
Design	5.2	14.4	17.6	> Current knowledge level is likely sufficient
Mathematics	9.2	14.2	8.8	<< Extensive education and/or training may be required
Engineering and Technology	5.7	13.0	14.0	0 Current knowledge level may be sufficient
Production and Processing	6.0	10.6	13.7	>> Current knowledge level is likely more than sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 85

Focus Occupation: Model Makers, Wood (51-7031)

Associated Occupation: Patternmakers, Metal and Plastic (51-4062)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Operation Monitoring	6.6	9.5	8.5	< A higher skill level may be required
Operation and Control	5.4	8.7	7.5	< A higher skill level may be required
Operations Analysis	5.0	6.7	8.9	>> Skill level is likely more than sufficient
Technology Design	2.6	4.6	2.8	<< Extensive development of skills in this area may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities

Similarity of Focus Occupation to Associated Occupation: 95

Focus Occupation: Model Makers, Wood (51-7031)

Associated Occupation: Patternmakers, Metal and Plastic (51-4062)

Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Near Vision	11.1	11.5	11.5	0 Current ability level may be sufficient
Arm-Hand Steadiness	6.8	10.7	11.9	> Current ability level is likely sufficient
Visualization	7.5	10.2	11.2	0 Current ability level may be sufficient
Control Precision	6.6	10.0	11.0	> Current ability level is likely sufficient
Oral Comprehension	12.5	10.0	11.1	> Current ability level is likely sufficient
Information Ordering	9.9	9.7	10.0	0 Current ability level may be sufficient
Oral Expression	12.4	9.6	10.2	0 Current ability level may be sufficient
Problem Sensitivity	11.1	9.5	10.2	0 Current ability level may be sufficient
Rate Control	3.8	6.8	5.4	< Some improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 88

Focus Occupation: Model Makers, Wood (51-7031)

Associated Occupation: Patternmakers, Metal and Plastic (51-4062)

Work Activities	Exclusivity of Activity
Adjust production equipment/machinery setup	25
Attach or mark identification onto products or containers	54
Examine products or work to verify conformance to specifications	15
Fabricate, assemble, or disassemble manufactured products by hand	11
Monitor production machinery/equipment operation to detect problems	27
Operate metal or plastic fabricating equipment/machinery	54
Perform safety inspections in manufacturing or industrial setting	33
Read blueprints	10
Read specifications	23
Read technical drawings	7
Set up computer numerical control machines	69
Set up production equipment or machinery	51
Understand machine setup instructions	74
Understand technical operating, service or repair manuals	6
Use hand or power tools	2
Use precision measuring tools or equipment	17

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: n/a

Focus Occupation: Model Makers, Wood (51-7031)

Associated Occupation: Patternmakers, Metal and Plastic (51-4062)

Tools and Technologies	Exclusivity
------------------------	-------------

Tools and technology data is unavailable for one or both occupations.	
---	--

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.